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# Product Specifications

# Model SB1040
# South Bend 18" Vertical Bandsaw - 1PH

## Product Dimensions

| | |
|---|---|
| Weight | 803 lbs. |
| Width (side-to-side) x Depth (front-to-back) x Height | 43-1/2 x 21-1/4 x 73-1/2 in. |
| Footprint (Length x Width) | 16-1/4 x 34 in. |

## Shipping Dimensions

| | |
|---|---|
| Type | Wood |
| Content | Machine |
| Weight | 999 lbs. |
| Length x Width x Height | 85 x 44 x 30 in. |

## Electrical

| | |
|---|---|
| Power Requirement | 110V or 220V, Single-Phase, 60 Hz |
| Prewired Voltage | 110V |
| Minimum Circuit Size | 20A at 110V, 15A at 220V |
| Switch | Magnetic Contactor with Thermal Overload Relay |
| Switch Voltage | 110V/220V |
| Plug Included | Yes |
| Included Plug Type | NEMA 5-15 for 110V |
| Recommended Plug/Outlet Type | NEMA 6-15 for 220V |

## Motors

### Main

| | |
|---|---|
| Type | TEFC Capacitor Start Induction |
| Horsepower | 1 HP |
| Voltage | 110V/220V |
| Prewired | 110V |
| Phase | Single-Phase |
| Amps | 12A at 110V, 6A at 220V |
| Speed | 1725 RPM |
| Cycle | 60 Hz |
| Number of Speeds | 1 |
| Power Transfer | Belt Drive |
| Bearings | Shielded and Permanently Lubricated |

### Grinder

| | |
|---|---|
| Type | Open Drip Proof Induction |
| Horsepower | 1/8 HP |
| Voltage | 110V |
| Phase | Single-Phase |
| Amps | 0.6A |
| Speed | 3450 RPM |
| Cycle | 60 Hz |
| Number of Speeds | 1 |
| Power Transfer | Direct Drive |
| Bearings | Sealed and Lubricated |

## Main Specifications

### Operation Info

| | |
|---|---|
| Blade Speeds | 88 — 384 FPM |
| Blade Size Range | 139-3/8 — 140-1/2 in. |

### Cutting Capacities

| | |
|---|---|
| Cutting Height | 9-5/8 in. |
| Cutting Capacity Left of Blade | 17-9/16 in. |

### Construction

| | |
|---|---|
| Table | Precision-Ground Cast Iron |
| Upper Wheel | Balanced Cast Iron |
| Lower Wheel | Balanced Cast Iron |
| Tire | Rubber |
| Body | Cast Iron (Upper), Steel (Lower) |
| Base | Cast Iron |
| Wheel Cover | Cast Aluminum (Upper), Pre-Formed Steel (Lower) |
| Paint | Urethane |

### Other

| | |
|---|---|
| Wheel Size | 18-1/8 in. |
| Blade Guides Upper | Hardened Steel/Tungsten |
| Blade Guides Lower | Hardened Steel/Tungsten |
| Electric Blade Welder | 2.4 KVA |
| Blade Welding Station Voltage | 220V |
| Annealing Voltage | 220V |

### Table Info

| | |
|---|---|
| Table Tilt | 15 Left, 15 Right, 10 deg. Fwd/Back |
| Table Size Length | 19-7/8 in. |
| Table Size Width | 22-1/8 in. |
| Table Size Thickness | 1-5/8 in. |
| Floor To Cutting Area Height | 38-1/2 in. |

## Other

| | |
|---|---|
| Country Of Origin | Taiwan |
| Warranty | 1 Year |
| Serial Number Location | ID Label on Upper Wheel Door |
| Assembly Time | 1 Hour |

## Features

Allen Bradley Controls
Welding Station for Joining Blade Ends
Includes Blade Cutter, Electric Welder w/Clamp, Annealer, and Grinder
Infinitely Variable Cutting Speeds Between 88 — 384 FPM
Lower Wheel Cleaning Brush
Work Light
Chip Blower
Rubber Bonded Saw Wheels
Digital Speed Display
Circle Cutting Attachment